

# APPLICATION

PERCOLATION TESTING

A \_\_\_\_\_

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2640

DISTRICT \_\_\_\_\_

DATE \_\_\_\_\_

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

AGENT OR PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION: Benedict Farm - Lot 11

SUBDIVISION 11523 Fox River Drive LOT NO. \_\_\_\_\_

ROAD AND DESCRIPTION \_\_\_\_\_

TAX MAP \_\_\_\_\_ PARCEL # \_\_\_\_\_

SIZE OF LOT \_\_\_\_\_ TYPE BLDG. \_\_\_\_\_  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

DISAPPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

# THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

SOIL PROFILE

0'

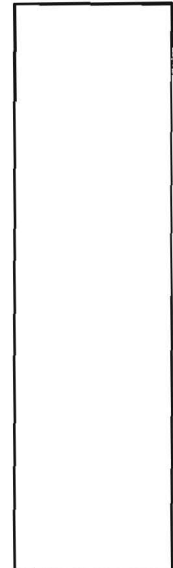
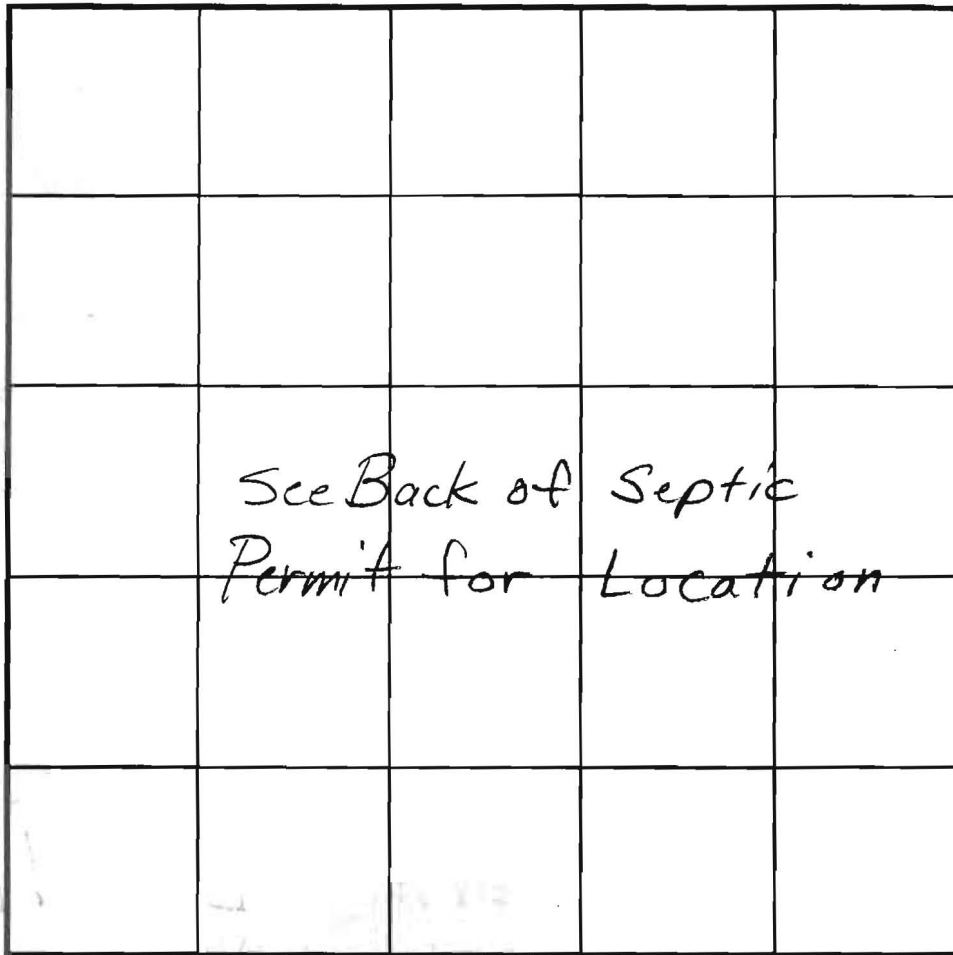
0'

Heavy Red  
Br Si Cl  
Loam  
~10% Rock

35'4.5'

Mixture of  
Br Sa Loam  
and Red Br  
Sa Cl Loam  
Trace Rock

7'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/29/06	A	7' Visual					

REMARKS Clay Gets Deeper Towards West

TYPE OF SOIL \_\_\_\_\_

TESTED BY B. Baker ALSO PRESENT Fogles

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ FT/BEDROOM \_\_\_\_\_

515042

COUNTY #

SOIL PROFILE  
588 589

RD Brn  
hvy  
SCLM

Strong  
brn  
SCLM

Rx 10-15%  
brn white  
Sand  
Bottom

Dense Rd  
CL-SCL  
LM

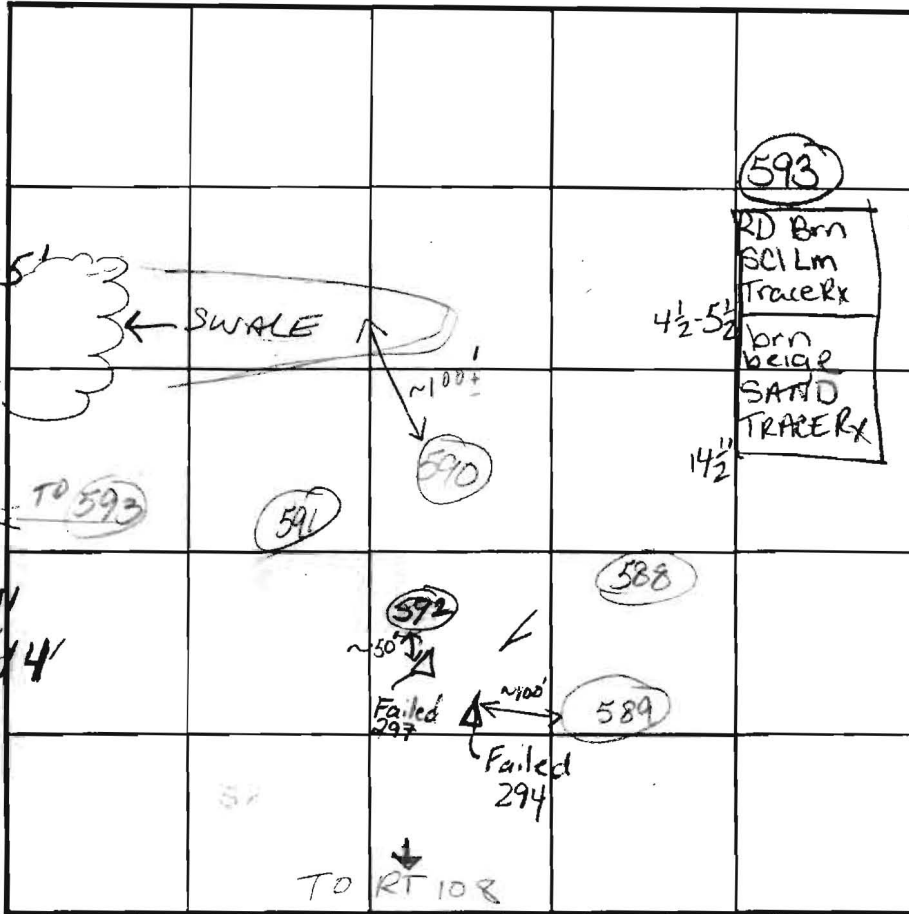
WK rdbm  
SCLLM

org brn  
SLM  
Rock  
~ 5%  
Bottom

Dense  
Deep  
Red  
CLAY

brn  
SLM  
Rx ~ 10%

Bottom



SOIL PROFILE  
590

hvy  
Lodm -  
SCLM  
Rx 10-15%

brn  
beige  
Sand  
Rx  
5-10%

Bottom

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1/16/02	588	5' 13'	Visual	SEE	Soil	Profile	F
	589	5' 14'	3:32 <sup>53</sup>	4' @ 350	Pulled		F
	592	5' 14'	3:45 <sup>00</sup>	3:49 <sup>00</sup>	3:49 <sup>00</sup>	3:58	9 min OK
	591	5' 12'	4:01	4:07	4:07	4:16	9 OK
	590	5' 14'	4:10	4:16	4:16	4:24	8 min + OK
	593	14 1/2'	SEE	SOIL	PROFILE		OK

REMARKS Holes PER PLAN

TYPE OF SOIL \_\_\_\_\_

TESTED BY Goedeking ALSO PRESENT Mike Johnson

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

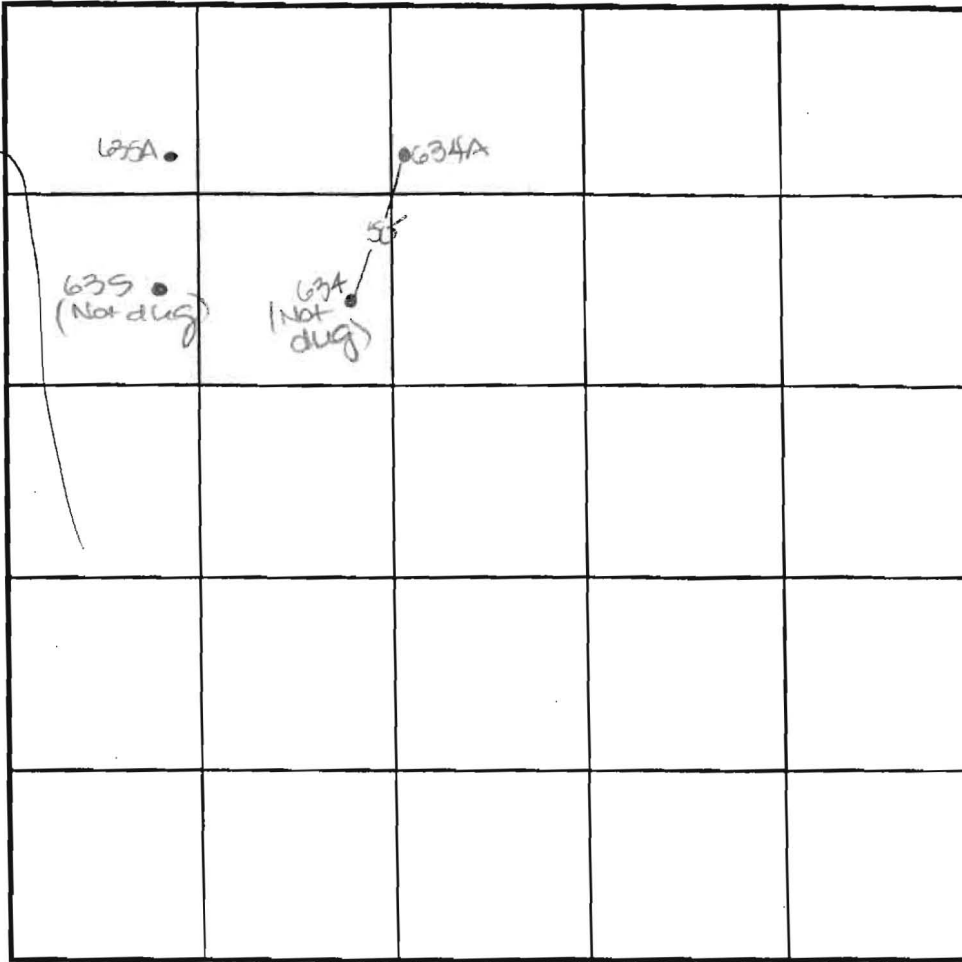
INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT/BEDROOM \_\_\_\_\_

SE 3'

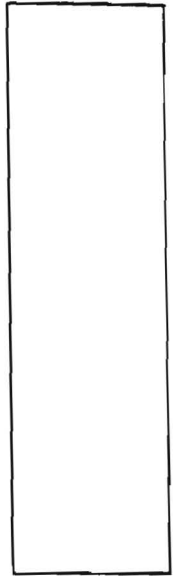
6' North West well

COUNTY #

SOIL PROFILE  
634A



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
5-31-01	634A	5.0' S	1:53	1:57	1:57	2:05	8	
		14.5' D	Visual	- See profile			OK	
	635A	5.0' S	1:55	2:00	2:00	2:06	6	
		14.0' D	Visual	- See profile			OK	
		Need holes # 588, 589						

REMARKS \_\_\_\_\_ DUE TO DROUGHT CONDITIONS, \_\_\_\_\_  
 TYPE OF SOIL \_\_\_\_\_ APPROVABLE HOLES MUST HAVE 8 \_\_\_\_\_  
 TESTED BY DKC FEET FROM OBSERVED \_\_\_\_\_  
 TRENCH DESIGN DATA: AVE PROPOSED SEPTIC SYSTEM \_\_\_\_\_ PRESENT M. Johnson & crew  
 \_\_\_\_\_ OWNERS  
 \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_  
 INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SO FT/BEDROOM \_\_\_\_\_

0'  
 1'  
 4.5'  
 14.5'

topsoil  
 br red brn cl Lm  
 med org brn sil mica Lm  
 1590 rock

0'  
 1'  
 4'  
 14'

635A  
 topsoil  
 dk red brn cl Lm  
 H org brn to beige sil mica Lm  
 1591+ rock



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3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2640

DISTRICT \_\_\_\_\_

DATE 4-13-01

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Natalie Ziegler

ADDRESS 11352 Homewood Rd. PHONE 410 740-6880

AGENT OR PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION Benedict Farm LOT NO. \_\_\_\_\_

ROAD AND DESCRIPTION Rt 108 + Homewood Rd.

TAX MAP 29 PARCEL # 93/229

SIZE OF LOT 3/4 acres +/- TYPE BLDG. \_\_\_\_\_  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT. Natalie Ziegler  
(SIGNATURE OF APPLICANT)

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SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

# THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

0' (291)

Topsoil  
Rd & brn  
CL Lm

5'

brn  
lt brn  
beige

SA Lm

Rock Frag  
10-15%

Bottom

14 1/3"

(290)

Red brn  
CL Lm

3'

brn  
beige

SA Lm

Rock Frag  
5-10%

Bottom

14"

(292)

Topsoil  
DENSE  
RED  
DK Brn  
CLAY

4-6"

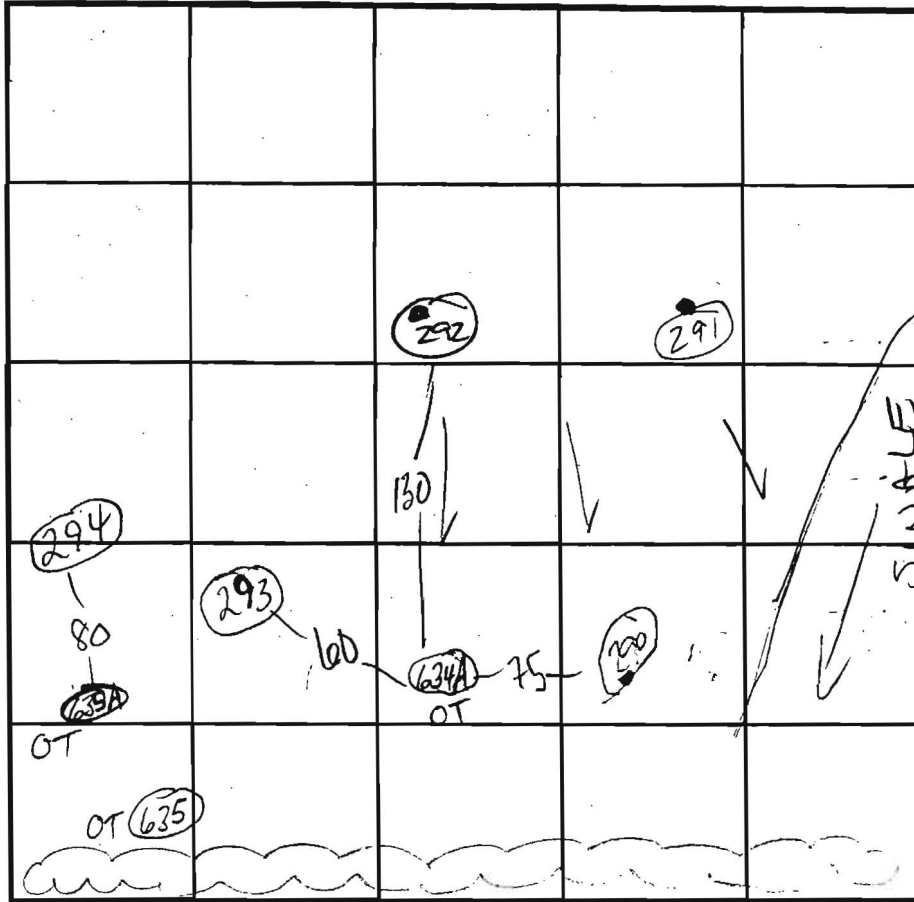
tan  
org  
beige

Si Lm

≤ 5%  
Rock

Bottom

14 1/2"



SOIL PROFILE

0' (293)

Topsoil  
Deep DK  
Rd, org  
CLAY

6'3"

org Si  
Lm

7'

H tan  
brn  
beige  
white  
Si Lm  
Bottom

14 1/2"

Rock ≤ 5%

(294)

Topsoil  
grey  
RED  
CL Lm

brn  
Lm  
45% Rk

14 1/2"

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8-30-01	291	5 1/2' S	11:40	11:45	11:45		Repair
		14 1/2' D	11:50	11:56	11:56	12:05	10 min PASS
	290	5' S	11:41	11:42	11:42	11:43 <sup>50</sup>	1'50"
		14' D					PASS
	292	5' S	11:46	11:50	11:50	12:00	10 min
		14 1/2' D					PASS
	293	6'8" S	11:55	11:57	11:57	12:01	3 min
		14 1/2' D					PASS
	294	8' S	12:15	1"	30 min		Fail
		14 1/8" D					

REMARKS

HOLES PER PLAN

TYPE OF SOIL

TESTED BY Goedeckung, K

ALSO PRESENT Chuck C  
Mike & Crew

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

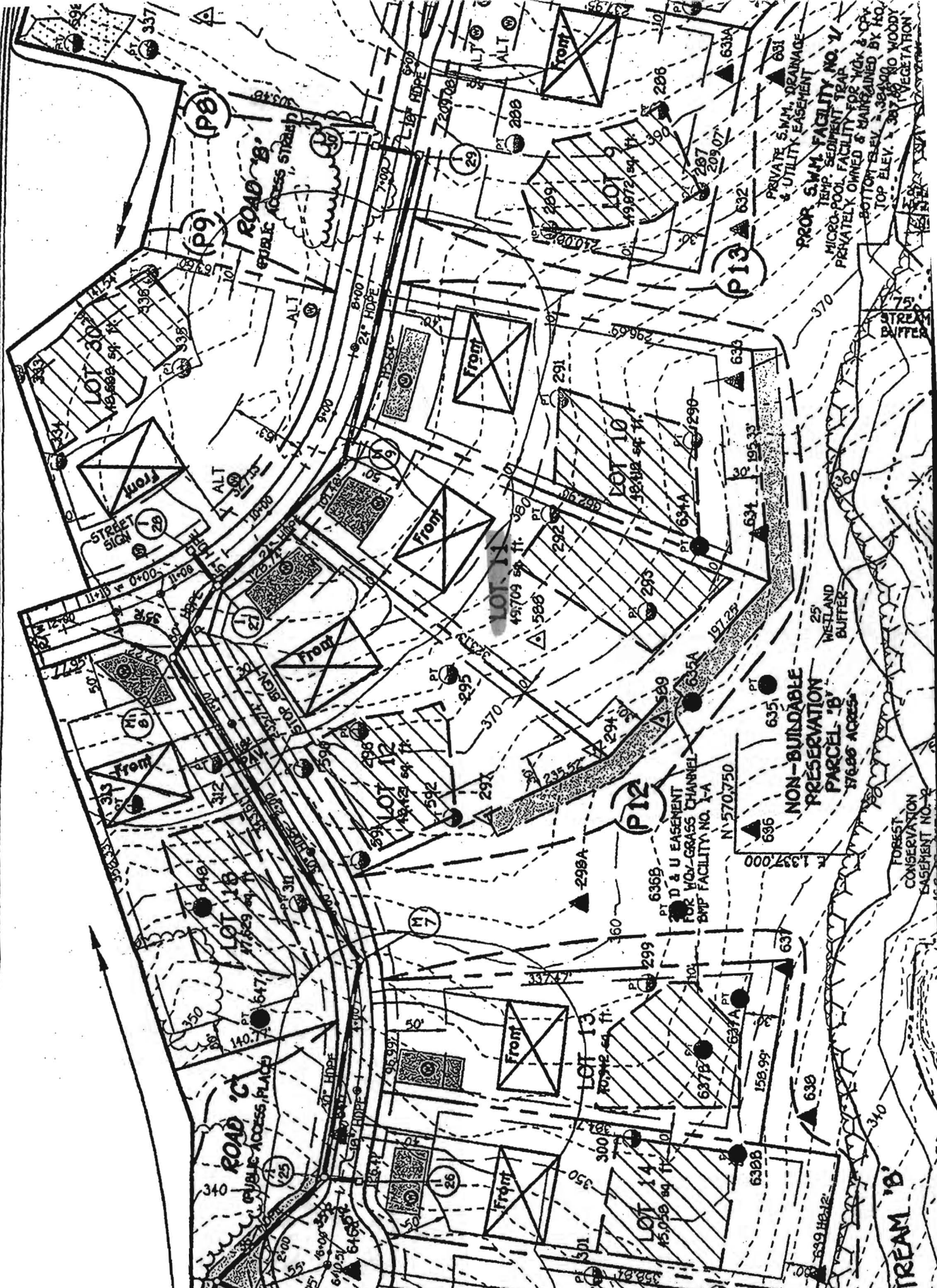
TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

1:100



WETLAND 'B'

FOREST CONSERVATION EASEMENT NO. 2

NON-BUILDABLE PRESERVATION PARCEL 'B' 17,626 ACRES

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P9

P9

P9

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P9

P9

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P9

